

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously amended). A voice controller for a voice-controlled apparatus having a voice-controlled receiver, comprising:

a sound source with a transmitter for transmitting sound information being obtained from audio signals of the sound source being mixed together encoded and/or modulated and converted into the sound information;

a sound detector detecting a sound signal containing a voice command, said sound detector having a voice recognizer recognizing the voice command, and said sound detector converting the voice command into a corresponding control signal for the voice-controlled apparatus;

a receiver receiving sound information from said transmitter associated with said sound source;

a sound signal processor coupled to said sound detector and said receiver, said sound signal processor correcting the

sound signal by eliminating the sound information from the sound signal to produce a corrected sound signal, and supplying the corrected sound signal to said voice recognizer for evaluation;

said sound detector, said receiver, said sound signal processor, and said voice recognizer being disposed in a mobile part provided separately from the voice-controlled apparatus;

said mobile part having a transmitter transmitting the corresponding control signal to the voice-controller receiver; and

said transmitter of said mobile part communicating with the voice-controller receiver by a wireless communication channel.

Claims 2-4 (cancelled)

Claim 5 (original). The voice controller according to claim 1, wherein said sound signal processor determines a degree of correlation between the sound signal detected by the sound detector and a sound signal corresponding to the sound information, said sound signal processor determines an

acoustic delay between the sound signal detected by the sound detector and a sound signal corresponding to the sound information, and said sound signal processor corrects the sound signal detected by said sound detector while accounting for the acoustic delay.

Claim 6 (original). The voice controller according to claim 5, wherein said sound signal processor determines the degree of correlation between the sound signal detected by cross-correlating the sound detector and the sound signal corresponding to the sound information.

Claim 7 (original). The voice controller according to claim 5, wherein said sound signal processor subtracts the sound signal corresponding to the sound information from the sound signal detected by the sound detector, while accounting for the determined acoustic delay, to obtain a corrected sound signal to be supplied to the sound signal processor.

Claim 8 (original). The voice controller according to claim 1, wherein said sound detector includes a number of microphones that are coupled to one another, the microphones

having an acoustic phase shift between them, and said sound detector accounting for the acoustic phase shift present between the number of microphones.

Claim 9 (original). The voice controller according to claim 1, including:

a keyboard in said sound detector, said keyboard programming said voice recognizer.

Claim 10 (original). The voice controller according to Claim 1, wherein said sound signal processor is associated with a number of sound sources, and said sound signal processor separately corrects for each of the number of sound sources.

Claim 11 (previously presented). A voice-controller system, comprising:

a voice-controlled apparatus having a voice-controller receiver;

a voice-controller having:

a sound source with a transmitter for transmitting sound information being obtained from audio signals of the

sound source being mixed together encoded and/or
modulated and converted into the sound information;

a sound detector detecting a sound signal containing a
voice command, said sound detector having a voice
recognizer recognizing the voice command, and said sound
detector converting the voice command into a
corresponding control signal for said voice-controlled
apparatus;

a receiver receiving sound information from a transmitter
associated with a sound source; and

a sound signal processor coupled to said sound detector
and said receiver, said sound signal processor correcting
the sound signal by eliminating the sound information
from the sound signal to produce a corrected sound
signal, and supplying the corrected sound signal to said
voice recognizer for evaluation;

said sound detector, said receiver, said sound signal
processor, and said voice recognizer being disposed in a

mobile part provided separately from said voice-
controlled apparatus;

said mobile part having a transmitter transmitting the corresponding control signal to said voice-controller receiver;

said transmitter of said mobile part communicating with said voice-controller receiver by a wireless communication channel; and

a sound source associated with said transmitter transmitting the sound information to said receiver of said voice-controller, the sound information in each case describing the sound signal generated by the sound source.

Claim 12 (previously presented). The voice controller system according to claim 11, wherein said transmitter associated with said sound source communicates with said receiver associated with said voice-controller via said wireless communication channel.

Claim 13 (original). The voice controller system according to claim 12, wherein said wireless communication channel is an infrared channel.

Claim 14 (original). The voice controller system according to claim 12, wherein said wireless communication channel is a radio channel.

Claim 15 (original). The voice controller system according to claim 11, wherein said voice-controller itself belongs to said sound source, so that the sound information transmitted by said transmitter to said receiver associated with said voice controller describes the sound signal generated by said voice-controller at that instant.

Claim 16 (original). The voice controller system according to claim 11, wherein the voice-controlled apparatus is an item of electronic entertainment equipment.

Claim 17 (original). The voice controller system according to claim 11, wherein said sound source is an item of electronic entertainment equipment.

Claim 18 (new). A method of signal transmission between a sound source and a voice-controlled receiver for a voice-controlled apparatus, comprising the steps of:

transmitting sound information obtained from audio signals of the sound source being mixed together, encoded and/or modulated and converted into sound information;

detecting by a sound detector a sound signal containing a voice command, recognizing by a voice recognizer the voice command, and converting the voice command into a corresponding control signal for the voice-controlled apparatus;

receiving the sound information from a transmitter associated with the sound source; and

correcting the sound signal with a sound signal processor coupled with the sound detector by eliminating the sound information from the sound signal to produce a corrected sound signal, and supplying the corrected sound signal to the voice recognizer for evaluation.

Claim 19 (new). The method of signal transmission of claim 18, further including the step of placing the sound detector, the receiver, the sound signal processor, and the voice recognizer in a mobile part provided separately from the voice-controlled apparatus.

Claim 20 (new). The method of signal transmission of claim 19, further including the step of transmitting the corresponding control signal to the voice-controller receiver with a transmitter of the mobile part.

Claim 21 (new). The method of signal transmission of claim 20, further including the step of communicating between the transmitter of the mobile part and the voice-controller receiver by a wireless communication channel.